

BOROUGH OF CHORLEY.

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EDUCATION AUTHORITY.

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Medical Inspection of  
School Children.

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# Annual Report

1917.

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CHORLEY :

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CHORLEY.

JANUARY, 1918.

TO THE CHORLEY EDUCATION AUTHORITY.

LADIES AND GENTLEMEN,

I have pleasure in presenting my Annual Report for 1917 to you, more especially as during the past year definite plans of progress in the School Medical Service have been decided upon by you and, had it not been for the great delay entailed by the War and other causes, very essential work would already have been in full operation.

Subsequently to a visit from Dr. Lilian Wilson, Medical Inspector of the Board of Education, and, as there would be great difficulty in obtaining a well-qualified Assistant School Medical Officer to take whole time service with you during the war, you have decided to begin the Treatment Clinic with the services of your present School Medical Officers and to defer the appointment of a whole time Officer until after the termination of the War.

You have also considered the question of the education of Mentally Defective children who are capable of receiving some education and are not included in the Idiot, Imbecile and Feeble Minded children for whose care the County Authorities are responsible.

Your Secretary and I visited two Special Schools for Mentally Defective Children and made a report to you, and your Secretary has been requested to prepare a detailed estimate of the cost. I hope that this matter will receive your further attention in 1918 in conjunction with the question of establishing an Open-air School for tuberculous and pre-tuberculous children and others. These matters will be further mentioned in the course of this report.

During the year there have been eighty-seven (87) routine Inspections, viz., of Entrants thirty-one (31), of children between eight and nine years of age twenty-seven (27), and of Leavers twenty-nine (29).

The average number of children examined at each Inspection was as follows :—

|                   |     |     |      |
|-------------------|-----|-----|------|
| Entrants          | ... | ... | 22·6 |
| Second Inspection | ... | ... | 21·1 |
| Leavers           | ... | ... | 21·1 |

More children have been inspected during 1917 than in any previous year—the total number, exclusive of the children examined at the Inspection Clinics who were either sent by the Head Teachers of the various schools or referred thereto by the School Medical Officers for more detailed examination, was eighteen hundred and eighty-two (1882). Below I give the details for each class of children.

#### ENTRANTS.

|                 | <i>Boys.</i> | <i>Girls.</i> | <i>Totals</i> | <i>Totals</i> | <i>Totals</i> |
|-----------------|--------------|---------------|---------------|---------------|---------------|
|                 |              |               | 1917.         | 1916.         | 1915.         |
| 3 to 4 years... | 32           | 23            | 55            | 58            | 64            |
| 4 to 5 ,, ...   | 102          | 111           | 213           | 177           | 125           |
| 5 to 6 ,, ...   | 192          | 157           | 349           | 294           | 359           |
| 6 to 7 ,, ...   | 27           | 29            | 56            | 53            | 61            |
| 7 years & over  | 13           | 13            | 26            | 10            | 15            |
|                 | <hr/>        | <hr/>         | <hr/>         | <hr/>         | <hr/>         |
| Totals...       | 366          | 333           | 699           | 592           | 624           |

## SECOND INSPECTION.

|                 | <i>Boys.</i> | <i>Girls.</i> | <i>Totals</i><br>1917. | <i>Totals</i><br>1916. | <i>Totals</i><br>1915. |
|-----------------|--------------|---------------|------------------------|------------------------|------------------------|
| 8 to 9 years... | 288          | 283           | 571                    | 496                    | 538                    |

## LEAVERS.

|                   |       |       |       |       |       |
|-------------------|-------|-------|-------|-------|-------|
| 12 to 13 years... | 249   | 280   | 529   | 537   | 563   |
| 13 to 14 ,, ...   | 38    | 45    | 83    | 72    | 76    |
|                   | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| Totals...         | 287   | 325   | 612   | 609   | 639   |

In 1917 there were inspected two hundred children more than in 1916 and nearly one hundred more than in 1915.

The increased numbers occurred in the first and second Inspections whilst the numbers of Leavers examined was nearly the same in 1917 as in 1916 and somewhat fewer than in 1915.

ATTENDANCE OF PARENTS, ETC., AT INSPECTIONS.—The presence of Parents, Relatives, or Guardians of the children detailed for examination is still much below what can be considered satisfactory. In 1917 the percentages of children inspected in the presence of their relatives were practically the same as those obtaining in 1916 and were as follows :—

|                        |     |     |      |
|------------------------|-----|-----|------|
| Inspection of Entrants | ... | ... | 61.8 |
| Second Inspection...   | ... | ... | 41.3 |
| Inspection of Leavers  | ... | ... | 19.1 |

At the Inspection Clinics, to which children known or suspected to be suffering from physical or mental defect are sent, nearly one-half of the children are not accompanied by their parents. Previous to all the Inspections and Inspection Clinics notice is sent to the Parents requesting their attendance along with the children. I have frequently been able to convince parents of the actuality of physical defects of which they were hitherto unaware, and *I am sure* that more good would be accomplished if, by any means, the attendance of the parents could be more systematically secured.



The letters sent by your Medical Officers are frequently ignored because the parents do not actually see the defective condition of their children.

In some cases where there is a large family or where the mother is working outside her home there is a reasonable cause for the abstention of the parents, but even in these cases it would be advisable for some neighbour or friend, to whom instruction might be verbally given, should attend in their place.

STANDARD.—The Standards in which the children had been placed previous to Inspection are given below.

| SECOND INSPECTION STANDARDS. |              |       |       |       |       |     |         |
|------------------------------|--------------|-------|-------|-------|-------|-----|---------|
|                              | No Standard. | I.    | II.   | III.  | IV.   |     | Totals. |
| Boys ...                     | 3            | 103   | 143   | 37    | 2     | ..  | 288     |
| Girls ...                    | —            | 130   | 131   | 20    | 2     | ... | 283     |
|                              | <hr/>        | <hr/> | <hr/> | <hr/> | <hr/> | ... | <hr/>   |
| Totals ...                   | 3            | 233   | 274   | 57    | 4     | ... | 571     |

| LEAVERS' STANDARDS. |            |       |       |       |       |       |         |
|---------------------|------------|-------|-------|-------|-------|-------|---------|
|                     | Below III. | III.  | IV.   | V.    | VI.   | VII.  | Totals. |
| Boys ...            | 3          | 6     | 21    | 67    | 112   | 78    | ... 287 |
| Girls ...           | 4          | 11    | 16    | 76    | 132   | 86    | ... 325 |
|                     | <hr/>      | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/>   |
| Totals ...          | 7          | 17    | 37    | 143   | 244   | 164   | ... 612 |

Taking into consideration the increase in the number of children examined at the Second Inspection in 1917 the statistics of the Standards at this Inspection are about the same as in previous years.

In the Inspection of Leavers, however, there were considerably fewer children in Standards below No. V. and a corresponding increase in the number of children in that and higher standards.

The details for each School are given in Tables B & C.

PREVIOUS MEDICAL HISTORY.—The parents of children are requested to bring or return particulars as to the occurrence of the most prevalent Infectious Diseases, and any other Disease or Injury from which the child to be examined has suffered prior to Inspection.

These returns are more complete than they used to be, fewer instances of their being mislaid or insufficiently filled in occurring.

It is to be noted however that a considerable number of children, who were in 1917 examined at the Inspections of Intermediates and Leavers, were not stated to have suffered from one or other Infectious Disease which had been entered upon their Schedule at the time of their Inspection as Entrants into the School.

But the returns are so far approximately correct as to give a general idea of the prevalence of disease previous to the various Inspections.

I give below the percentages of children who had suffered from Infectious Diseases or other Diseases and Injuries previously to the several Inspections.

|                                | Entrants. | Intermediate. | Leavers. |
|--------------------------------|-----------|---------------|----------|
| Measles ... ..                 | 67·1      | 92·5          | 94·3     |
| Whooping Cough ... ..          | 34·6      | 53·1          | 47·5     |
| Chicken Pox ... ..             | 22·0      | 31·8          | 29·2     |
| Scarlet Fever ... ..           | 5·7       | 13·3          | 16·2     |
| Diphtheria ... ..              | 0·9       | 1 8           | 2·4      |
| Other Diseases or Injuries ... | 19·0      | 30 0          | 26·1     |

As regards the “ Other Diseases or Injuries ” the greater number recorded were of Bronchitis or Pneumonia, several very trivial or vague disorders such as “ Colds,” “ Weakness,” etc., were inserted; and in very few cases were there any indications of permanent ill effect traceable to the illness from which the child was said to have suffered.

FAMILY HISTORY OF TUBERCULOSIS.—During 1917 there have been fewer instances of the question as to previous cases of Tuberculosis in the family having been left unanswered.

It is probably partly owing to these more complete returns that you may note that there has been an increase in the percentages of children in whose family or near relatives one or more cases of Consumption has occurred.

The number of children with Tuberculous Family History and the percentages to the whole number examined are as follows :—

|                   |     |         | Percentage | Percentage |
|-------------------|-----|---------|------------|------------|
|                   |     | Number. | 1917.      | 1916.      |
| Entrants          | ... | 56      | 8·0        | 6·1        |
| Second Inspection | ... | 48      | 8·2        | 7·7        |
| Leavers           | ... | 54      | 8·8        | 6·1        |

Though Tuberculosis is not now considered a hereditary disease, yet its existence in the parent may have influence in lowering the vitality of the child, and the presence of an open case of Tuberculosis in the family risks the chance of other inmates of the house contracting the disease, and, more especially, if the house is insanitary and overcrowded.

VACCINATION.—The statistics of Vaccination are more unsatisfactory each year. I have so often commented on this subject that it is unnecessary for me to do so again. I therefore simply give the numbers of each class of children examined in 1917 who are unprotected from Smallpox, and the percentages of the total number examined. I also give, for comparison, the numbers and percentages in 1916 and 1908 (the first year of School Medical Inspection).



|                   |     |     | 1917              |                           |                               |
|-------------------|-----|-----|-------------------|---------------------------|-------------------------------|
|                   |     |     | Never Vaccinated. | No.<br>Vaccination Marks, | Unprotected<br>from Smallpox. |
|                   |     |     | per cent.         | per cent.                 | per cent.                     |
| Entrants          | ... | ... | 138 or 19·7       | 106 or 15·2               | 244 or 34·9                   |
| Second Inspection | ... | ... | 74 or 12·9        | 70 or 12·3                | 144 or 25·2                   |
| Leavers           | ... | ... | 18 or 2·9         | 15 or 2·5                 | 33 or 5·4                     |
| Totals            |     |     | 230 or 12·2       | 191 or 10·2               | 421 or 22·4                   |
|                   |     |     | 1916              |                           |                               |
| Totals            |     |     | 172 or 10·1       | 129 or 7·6                | 301 or 17·7                   |
|                   |     |     | 1908              |                           |                               |
| Totals            |     |     | 32 or 3·0         | 49 or 4·7                 | 81 or 7·7                     |

CLOTHING AND FOOT-GEAR.—The condition of the Clothing and Foot-gear of the children inspected was generally found to be satisfactory. In only a few instances were the Clothes and Foot-gear insufficient to keep the wearers warm and dry.

The Clothing and Foot-gear of the Girls showed fewer grounds of complaint than those of Boys. Of forty-six (46) defects in Clothing and thirty-three (33) in Foot-gear, thirty-two (32) in Clothing and twenty-three (23) in Foot-gear were detected in Boys as compared with fourteen (14) and ten (10) respectively in Girls.

The Clothing in only two (2) cases and the Foot-gear in five (5) cases were described as bad.

The particulars for each School are detailed in Tables A, B and C. I give a summary of each Inspection below.

#### CLOTHING.

|        |     | Entrants. |        | Second Inspection. |        | Leavers. |        |
|--------|-----|-----------|--------|--------------------|--------|----------|--------|
|        |     | Boys.     | Girls. | Boys.              | Girls. | Boys.    | Girls. |
| Fair   | ... | 10        | 1      | 10                 | 3      | 11       | 9      |
| Poor   | ... | 1         | —      | —                  | 1      | —        | —      |
| Totals |     | 11        | 1      | 10                 | 4      | 11       | 9      |

## FOOT-GEAR.

|        |     | Entrants. |        | Second Inspection. |        | Leavers. |        |
|--------|-----|-----------|--------|--------------------|--------|----------|--------|
|        |     | Boys.     | Girls. | Boys.              | Girls. | Boys.    | Girls. |
| Fair   | ... | 6         | —      | 8                  | 4      | 5        | 5      |
| Bad    | ... | 3         | —      | 1                  | 1      | —        | —      |
|        |     | —         | —      | —                  | —      | —        | —      |
| Totals | ... | 9         | —      | 9                  | 5      | 5        | 5      |

PEDICULOSIS.—I regret to say that the cleanliness of the Girls' heads has not shown any improvement during the year, but on the other hand has decidedly deteriorated in comparison with the last few years.

The School Nurse has made special visits from time to time to the various Schools and has examined the hair of the Girls, but she has had her time so fully occupied with other work that the visits have not been so frequent and the following up so persistent as to secure better results than I am able to show you.

Though there is not the frequency of lice in the heads of the girls that your School Medical Officers noticed during the first years of inspection yet the presence of "nits" is not diminishing, and the attention paid by the parents to the cleanliness of the girls' heads is not at all satisfactory.

I hope that the engagement of a second Nurse will enable me to give you a more satisfactory report next year, and I shall endeavour to have more time devoted to these periodical visits and to the following up of persistent cases than has been possible under the present arrangements.

I shall be then in a better position to recommend you to exclude from School children whose parents are persistently neglectful of the cleanliness of the heads of their children and, if the condition is not remedied speedily, to recommend you to take further proceedings. In some towns such action is taken by the

Education Authority, and parents whose children have been sent away from School owing to the dirty state of their heads and who, after a sufficient interval, have not so far attended to the matter that the child may be re-admitted without risk to others, are summoned for neglect to send their children to School.

It is very necessary to bring home to the parents that heads infected with nits or lice are not only unnecessary, but that such condition, though quite remediable if sufficient care be used, may lead to a deterioration of the children's health.

I give below the number of Girls whose heads were found to be infected more or less with lice or nits at the Medical Inspection.

|                   | Number<br>Examined. | Cases of<br>Pediculosis. | Percentage. |
|-------------------|---------------------|--------------------------|-------------|
| Entrants ... ..   | 333                 | 76                       | 23·2        |
| Second Inspection | 283                 | 111                      | 39·2        |
| Leavers ... ..    | 325                 | 94                       | 28·9        |
| Total Girls ...   | <u>941</u>          | <u>281</u>               | <u>29·8</u> |

Fifteen (15) Boys in the three Inspections were also found to have nits in the hair.

In Tables A, B and C I give the number of cases of Pediculosis found at the routine Inspections in each School. You will notice that there is great variation in the number of cases in the different Schools. In one large School 74 per cent. of the Girls inspected had "nits" in their heads, whilst in another of about the same size only 8 per cent. were affected.

HEIGHT AND WEIGHT.—In Tables D, E and F are given for each School the Average Heights and Weights of the Boys and Girls respectively and of the same age examined at the three routine Inspections, and also the average Height and Weight of the whole of the Boys and Girls of the same age



examined at each Inspection, and the latter figures are compared with the Standard of the Anthropometrical Committee of the British Association.

As the statistics do not vary much from those given in my reports for the last two or three years, I am not giving a detailed examination of the results. It will be sufficient to state that the Heights and Weights of Entrants, except in the case of Boys of six years of age, closely approximate the Standard, that the Heights and Weights at the Second Inspection showed slight improvement on the figures of 1916 and more nearly approached the Standard, and that the Average Weight of the Boy Leavers was higher than in 1916 whilst that of the Girl Leavers was lower, both however being considerably below the Standard.

NUTRITION.—I am not able to deduce any deterioration in the Nutrition and General Physique of the children examined at the routine Inspections during the last two years. In 1915 there was a marked increase in the number of Leavers whose nutrition warranted their being placed in the Poor Class. In my report for 1916 only ten (10) children out of the whole number examined were classified as Poor, whilst in 1917 this number has been reduced to four (4). The inference is that, despite the War and consequent high prices of food, the children are well fed and generally well taken care of.

Adopting the same Classification as hitherto, the children have been divided into three classes, Good, Fair and Poor, as regards general Nutrition, and in Tables A, B and C I give the details of the number for each School of children placed in each class.

I give a summary of the Nutrition of the Boys and Girls respectively obtained from the figures noted at each of the three Inspections.



## ENTRANTS.

|           | Number<br>Examined. | Good.<br>per cent. | Fair.<br>per cent. | Poor. |
|-----------|---------------------|--------------------|--------------------|-------|
| Boys ...  | 366                 | 191 or 52·2        | 175 or 47·8        | —     |
| Girls ... | 333                 | 151 or 45·3        | 182 or 54·7        | —     |
| Totals    | 699                 | 342 or 49·0        | 357 or 51·0        | —     |

## SECOND INSPECTION.

|           | Number<br>Examined. | Good.<br>per cent. | Fair.<br>per cent. | Poor.<br>per cent. |
|-----------|---------------------|--------------------|--------------------|--------------------|
| Boys ...  | 288                 | 140 or 48·6        | 147 or 51·0        | 1 or 0·4           |
| Girls ... | 283                 | 130 or 45·9        | 152 or 53·7        | 1 or 0·4           |
| Totals    | 571                 | 270 or 47·2        | 299 or 52·5        | 2 or 0·3           |

## LEAVERS.

|           | Number<br>Examined. | Good.<br>per cent. | Fair.<br>per cent. | Poor.<br>per cent. |
|-----------|---------------------|--------------------|--------------------|--------------------|
| Boys ...  | 287                 | 98 or 34·1         | 188 or 65·5        | 1 or 0·4           |
| Girls ... | 325                 | 91 or 28·0         | 233 or 71·7        | 1 or 0·3           |
| Totals    | 612                 | 189 or 30·9        | 421 or 68·8        | 2 or 0·3           |

You will notice that the Nutrition of the Entrants is generally better than that of the children examined at the Second Inspection and further that these latter children are better nourished than the Leavers.

Also more Boys have been placed in the “ Good ” class than Girls in all three Inspections.

TEETH.—At each routine Inspection the Teeth of the children are examined cursorily and without the aid of dental mirror or probe by the Assistant School Medical Officer, If there

is no or only very slight evidence of Caries in a tooth they are classified as "Good," if one, two, three or four teeth are unsound the classification is "Fair," but if more than four teeth are decayed as "Bad."

In Tables A, B & C the number of Boys and Girls respectively examined at each Inspection at each school are classified on this plan according to the character of their teeth.

I give below a summary of the results of these examinations. You may notice that at each Inspection the teeth of the Girls were somewhat less diseased than those of the Boys, and that the teeth at the Second Inspection were more decayed than at the Inspection of Entrants or that of Leavers.

#### ENTRANTS.

|            | Good. |           | Fair. |           | Bad. |           |
|------------|-------|-----------|-------|-----------|------|-----------|
|            | No.   | per cent. | No.   | per cent. | No.  | per cent. |
| Boys ...   | 100   | or 27·3   | 227   | or 62·0   | 39   | or 10·7   |
| Girls ...  | 108   | or 32·4   | 194   | or 58·3   | 31   | or 9·3    |
| Totals ... | 208   | or 29·8   | 421   | or 60·2   | 70   | or 10·0   |

#### SECOND INSPECTION.

|            | Good. |           | Fair. |           | Bad. |           |
|------------|-------|-----------|-------|-----------|------|-----------|
|            | No.   | per cent. | No.   | per cent. | No.  | per cent. |
| Boys ...   | 20    | or 6·9    | 218   | or 75·7   | 50   | or 17·4   |
| Girls ...  | 24    | or 8·5    | 208   | or 73·5   | 51   | or 18·0   |
| Totals ... | 44    | or 7·7    | 426   | or 74·6   | 101  | or 17·7   |

#### LEAVERS.

|            | Good. |           | Fair. |           | Bad. |           |
|------------|-------|-----------|-------|-----------|------|-----------|
|            | No.   | per cent. | No.   | per cent. | No.  | per cent. |
| Boys ...   | 98    | or 34·1   | 177   | or 61·7   | 12   | or 4·2    |
| Girls ..   | 132   | or 40·6   | 173   | or 53·2   | 20   | or 6·2    |
| Totals ... | 230   | or 37·6   | 350   | or 57·2   | 32   | or 5·2    |

### ENLARGED GLANDS & TONSILS.—ADENOIDS.

As in 1916 so also in 1917 on examination of the necks, etc., of the children an unusual number of cases of slight enlargement of the glands was found, and this condition was especially noticeable amongst the Entrants and those examined at the Second Inspection.

The percentages of children with enlarged Glands at the several Inspections were as follows :—

|                   |     |     |      |
|-------------------|-----|-----|------|
| Entrants          | ... | ... | 19·4 |
| Second Inspection | ... | ... | 15·8 |
| Leavers           | ... | ... | 8·3  |

The Tonsils were enlarged in fifty-one (51) instances, or 2·7 per cent. of the children. In thirty-two (32) cases the enlargement was only slight and there was not sufficient reason to urge the necessity of operation. Nineteen (19) children had decidedly enlarged Tonsils (one per cent. of the total number of children examined), and notices were sent to the parents recommending them to consult their Medical Attendant to whom a letter was enclosed.

Adenoids were provisionally diagnosed in ten (10) children and in all these cases notices were sent to the parents.

EXTERNAL EYE DISEASE.—An unusual number of cases of External Eye Disease were discovered at the routine Inspections. The number of Boys and Girls so affected were as follows :—

#### ENTRANTS.

|       |     |     |                      |
|-------|-----|-----|----------------------|
| Boys  | ... | ... | 42 or 11·2 per cent. |
| Girls | ... | ... | 34 or 10·2 „         |

#### SECOND INSPECTION.

|       |     |     |                     |
|-------|-----|-----|---------------------|
| Boys  | ... | ... | 24 or 8·3 per cent. |
| Girls | ... | ... | 48 or 17·0 „        |

## LEAVERS.

|       |     |     |                     |
|-------|-----|-----|---------------------|
| Boys  | ... | ... | 24 or 8·4 per cent. |
| Girls | ... | ... | 28 or 8·6     „     |

The numbers of Boys and Girls in each School suffering from External Eye Disease are given in Tables A, B & C, and below I give the number of children at each Inspection found affected with each particular defect or disease.

| EYE<br>DISEASES.   | ENTRANTS |       | SECOND<br>INSPECTION. |       | LEAVERS. |       | TOTALS. |       |       |
|--------------------|----------|-------|-----------------------|-------|----------|-------|---------|-------|-------|
|                    | Boys     | Girls | Boys                  | Girls | Boys     | Girls | Boys    | Girls | Total |
| Strabismus ...     | 36       | 28    | 20                    | 39    | 19       | 21    | 75      | 88    | 163   |
| Blepharitis ...    | 3        | 3     | 2                     | 5     | 1        | 3     | 6       | 11    | 17    |
| Conjunctivitis ... | 1        | 1     | ...                   | 2     | ...      | ...   | 1       | 3     | 4     |
| Keratitis ...      | ...      | ...   | ...                   | 2     | 1        | 2     | 1       | 4     | 5     |
| Corneal Ulcer ...  | ...      | ...   | ...                   | ...   | ...      | 1     | ...     | 1     | 1     |
| Nebula ...         | ...      | 1     | 1                     | ...   | 1        | ...   | 2       | 1     | 3     |
| Nystagmus ...      | ...      | ...   | ...                   | ...   | 1        | 1     | 1       | 1     | 2     |
| Cataract ...       | ...      | ...   | ...                   | ...   | 1        | ...   | 1       | ...   | 1     |
| Hordeolum ...      | ...      | ...   | 1                     | ...   | ...      | ...   | 1       | ...   | 1     |
| Cyst ...           | ...      | 1     | ...                   | ...   | ...      | ...   | ...     | 1     | 1     |
| Ptosis ...         | 1        | ...   | ...                   | ...   | ...      | ...   | 1       | ...   | 1     |
| Contusion ...      | 1        | ...   | ...                   | ...   | ...      | ...   | 1       | ...   | 1     |
| Totals ...         | 42       | 34    | 24                    | 48    | 24       | 28    | 90      | 110   | 200   |



You will notice that the very great majority of External Eye Diseases are Squints—more than four-fifths of the total number of External Eye Diseases in the children examined at the routine Inspections.

It was found that nearly eight per cent. of the Boys and over nine per cent. of the Girls examined were suffering from Squint to a greater or lesser degree. Many children showed only a slight degree of this condition but there were a very considerable number markedly affected with Squint, and in these cases serious injury is gradually being caused to the vision as long as the Squint is not corrected by the employment of Spectacles or where necessary by the adoption of an operation for Squint.

I recommend that you should empower me to bring all the decided cases of Squint under the treatment of Mr. Sykes at the earliest opportunity so that there may be less risk of loss of Vision in one eye of those affected by this defect.

Blepharitis, or Inflammation of the Eyelids, was the next most common External Eye Disease, and in the majority of these cases this condition has been cured previously to my writing this report.

VISION.—In the report of the Chief Medical Officer to the Board of Education he states “The great majority of children enter the schools with normal vision but, owing in large measure to the defective conditions under which Instruction is given, that number is seriously diminished in the course of a few years.” He comments on the ill effect of bad lighting in the Schools and the over use of the eyes of young children in near work. The frequent attendance of children at the Cinematograph shows is also considered as likely to injuriously affect the vision of children, and more especially so in those children whose vision is already abnormal.

The routine Inspections held throughout the Country have disclosed that from ten to twenty per cent of the children examined show defective vision, the rate varying in different localities.

The examination of Vision by the reading of Test Types is a rough and ready method of obtaining evidence as to the Eye-sight of the children, but is only approximately correct, and many errors may occur due to such factors as insufficient light on dark days, want of appreciation of the test by or nervousness of the children, fatigue, etc.

I have this year accordingly re-examined at the Inspection Clinics the children who have shown distinct visual defect and in many cases have found out that the results of the tests at the routine Inspections have had to be altered materially.

The type reading was carried out only in children six years of age and over, and as there were comparatively few amongst the Entrants I have not inserted the results in Table A. In Tables B & C I give the results of children examined at the Second Inspection, and at that of Leavers, both as corrected at the Inspection Clinics.

Below I give a summary of these results for each Inspection.

#### SECOND INSPECTION.

|                    |        | Boys<br>per cent. | Girls<br>per cent. | 1917<br>Totals<br>per cent. | 1916<br>Totals<br>per cent. | 1915<br>Totals<br>per cent. |
|--------------------|--------|-------------------|--------------------|-----------------------------|-----------------------------|-----------------------------|
| Normal Vision      | ...    | 49·5              | 39·7               | 44·6                        | 48·1                        | 52·7                        |
| Very Slight Defect |        |                   |                    |                             |                             |                             |
| 6/9                | ... .. | 39·6              | 40·3               | 40·0                        | 35·7                        | 29·7                        |
| Distinct Defect    | 6/12   | 5·5               | 9·4                | 7·4                         | 6·8                         | 4·6                         |
| Marked Defects     | 6/18   |                   |                    |                             |                             |                             |
| and above          | ...    | 5·4               | 10·6               | 8·0                         | 9·4                         | 13·0                        |
| Marked Defect in   |        |                   |                    |                             |                             |                             |
| both Eyes          | ...    | 3·5               | 6·0                | 4·7                         | 9·9                         | 13·6                        |

## LEAVERS.

|                    |      | Boys<br>per cent. | Girls<br>per cent. | 1917<br>Totals<br>per cent. | 1916<br>Totals<br>per cent. | 1915<br>Totals<br>per cent. |
|--------------------|------|-------------------|--------------------|-----------------------------|-----------------------------|-----------------------------|
| Normal Vision      | ...  | 59.8              | 57.1               | 58.3                        | 55.6                        | 65.6                        |
| Very Slight Defect |      |                   |                    |                             |                             |                             |
| 6/9                | ...  | 24.4              | 27.8               | 26.2                        | 23.9                        | 19.0                        |
| Distinct Defect    | 6/12 | 3.6               | 3.7                | 3.6                         | 7.3                         | 4.4                         |
| Marked Defects     | 6/18 |                   |                    |                             |                             |                             |
| and above          | ...  | 12.2              | 11.4               | 11.9                        | 13.2                        | 11.9                        |
| Marked Defect in   |      |                   |                    |                             |                             |                             |
| both Eyes          | ...  | 5.7               | 5.8                | 5.8                         | 7.0                         | 10.6                        |

As is usual throughout the Country the Vision of Girls is worse than that of Boys, and this is especially noticeable in the children examined at the Second Inspection, nearly twice as many "Distinct" or "Marked" Defects were found in Girls as compared with Boys. As much as possible any fine sewing or work requiring the materials to be held too close to the eyes should be eliminated from the school course of young children as material damage to the eyes may result.

If you compare the results obtained in 1917 with those in the two previous years, you may note that they are decidedly more satisfactory than previously, fewer children show vision defective to a material extent in either eye and fewer children have defective vision in both eyes.

Notices were sent to the Parents of all the children in whom Visual Defects were discovered. In a subsequent portion of this report I will give a statement as to the result of these Notices.

EAR DISEASE.—Fourteen (14) children examined at the Routine Inspections were found to be suffering or have suffered from Ear Disease. Twelve (12) of these had discharging Ears (Olorrhœa), one (1) was suffering from Ear Ache, and one (1) gave evidence of Ear Disease now cured.



The danger of a persistent discharge from the ears is not I fear, sufficiently recognised by the parents and, though the child has generally been under the treatment of the Medical Attendant, if a speedy cure is not effected, too often this condition is neglected with the result that the child grows up more or less deaf and there is constant risk of serious and dangerous brain mischief.

The parents of children suffering from this disease were notified of this condition and many of them received treatment.

I hope when the Treatment Clinic is in full operation to secure the periodic attendance of children suffering from Aotorrhœa so as to note the action taken by the parents and to secure the regular persistence in the treatment of this grave matter.

HEARING.—All the children examined at the Second Inspection and the Inspection of Leavers were tested by Forced Whisper. Where the hearing did not appear to be normal, notices were sent to the Parents and Medical Attendants. Subsequently the children were re-examined at the Inspection Clinics.

The following is a summary of the results found at the Routine Inspections.

#### SECOND INSPECTION.

| Boys      | Girls     | 1917      | 1916      |
|-----------|-----------|-----------|-----------|
|           |           | Totals    | Totals    |
| per cent. | per cent. | per cent. | per cent. |
| 16 or 5·5 | 13 or 4·6 | 29 or 5·1 | 28 or 5·6 |

#### LEAVERS.

| Boys      | Girls     | 1917      | 1916      |
|-----------|-----------|-----------|-----------|
|           |           | Totals    | Totals    |
| per cent. | per cent. | per cent. | per cent. |
| 9 or 3·1  | 21 or 6·5 | 30 or 4·9 | 33 or 5·4 |



There was slightly less Deafness noted at the Inspections in 1917 than in 1916.

At the Inspection Clinics it was generally found that the Deafness, due probably to wax in the ears, etc., had either disappeared or was considerably less, but there still remained several cases where the hearing was definitely impaired.

The parents, when present, were requested to obtain Medical advice for the children, and in the absence of the parents, letters were sent to them.

DEFORMITIES.—More children examined at the Routine Inspections were found to be affected with Deformities than has been the case hitherto.

Thirty-one (31) children or 1·6 per cent. of the whole number examined were discovered to have some deformity. In 1916 and 1915 there were only 0·9 per cent. found so suffering.

The particulars are as follows :—

|                      |     | Entrants |       | Second<br>Inspecti'n |       | Leavers |       | Totals |       |
|----------------------|-----|----------|-------|----------------------|-------|---------|-------|--------|-------|
|                      |     | Boys     | Girls | Boys                 | Girls | Boys    | Girls | Boys   | Girls |
| Infantile Paralysis  | ... | 1        | ...   | 5                    | 1     | ...     | ...   | 6      | 1     |
| Pigeon Breast        | ... | ...      | 1     | 1                    | 1     | 1       | 1     | 2      | 3     |
| Knock Knee           | ... | 2        | ...   | 1                    | ...   | ...     | ...   | 3      | ...   |
| Bow Legs             | ... | 2        | 1     | ...                  | 1     | ...     | ...   | 2      | 2     |
| Deformed Collar Bone | ... | ...      | ...   | ...                  | ...   | ...     | 1     | ...    | 1     |
| ,, Shoulder          | ... | ...      | ...   | 1                    | ...   | ...     | ...   | 1      | ...   |
| ,, Elbow             | ... | ...      | ...   | ...                  | 1     | 1       | ...   | 1      | 1     |
| Club Foot            | ... | 1        | ...   | ...                  | ...   | ...     | ...   | 1      | ...   |
| Wry Neck             | ... | ...      | ...   | 1                    | 2     | ...     | ...   | 1      | 2     |
| Flat Foot            | ... | 1        | ...   | ...                  | ...   | ...     | ...   | 1      | ...   |
| Deformed Spine       | ... | ...      | ...   | ...                  | ...   | ...     | 1     | ...    | 1     |
| Hare Lip             | ... | 1        | ...   | ...                  | ...   | ...     | ...   | 1      | ...   |
| Cleft Palate         | ... | 1        | ...   | ...                  | ...   | ...     | ...   | 1      | ...   |
| Totals               | ... | 9        | 2     | 9                    | 6     | 2       | 3     | 20     | 11    |

The causes of these Deformities were various :—Acute Infectious Disease, Rickets, Accidents and Prenatal causes.

OTHER DISEASES AND DEFECTS.—In Tables A, B & C the details of the Schools in which children suffering from other Diseases and defects, in addition to those already mentioned, are given.

Below I give a summary of these Diseases and Defects found at the Routine Inspection.

You may notice that on the whole half as many again Boys as Girls suffered from these disabilities, though in the case of Goitre considerably more Girls were subjects of this complaint than Boys.

|                                | Entrants |       | Second Inspecti'n |       | Leavers |       | Totals |       | Totals |
|--------------------------------|----------|-------|-------------------|-------|---------|-------|--------|-------|--------|
|                                | Boys     | Girls | Boys              | Girls | Boys    | Girls | Boys   | Girls |        |
| Defects in Speech...           | ...      | ...   | 1                 | ...   | 1       | 1     | 2      | 1     | 3      |
| Defects in Mental Condition    | ...      | ...   | 6                 | ...   | 3       | ...   | 9      | ...   | 9      |
| Diseases Heart and Circulation | 1        | 1     | 2                 | 1     | 3       | ...   | 6      | 2     | 8      |
| Diseases Lungs ...             | 1        | 1     | 1                 | 2     | ...     | ...   | 2      | 3     | 5      |
| Diseases Nervous System        | ...      | ...   | ...               | ...   | 1       | ...   | 1      | ...   | 1      |
| Tuberculosis ...               | 1        | 1     | ...               | ...   | ...     | ...   | 1      | 1     | 2      |
| Infectious or Contagious Dis.  | ...      | ...   | 1                 | 2     | ...     | ...   | 1      | 2     | 3      |
| Disease of Skin ...            | 14       | 6     | 6                 | 3     | 7       | 2     | 27     | 11    | 38     |
| Goitre ...                     | 1        | 1     | 2                 | 5     | 7       | 13    | 10     | 19    | 29     |
| Other Diseases ...             | 1        | 2     | 2                 | 1     | 4       | ...   | 7      | 3     | 10     |
| Totals                         | 19       | 12    | 21                | 14    | 26      | 16    | 66     | 42    | 108    |

Notices were sent to the parents in all cases where there was necessity, and many children were summoned to attend the Inspection Clinic for re-examination and to see what was the result of the notices.

REFRACTION, ETC., CLINIC.—Mr. Sykes, Ophthalmic Surgeon to the Preston Infirmary, has been engaged by you to carry out the Refraction Work and prescribe Spectacles or other treatment for children presented to him by the School Medical Officers.

Hitherto this work has been done at a room in the Town Hall, but accommodation in the new premises in St. Thomas's Square will be provided as soon as possible.

Since his appointment he has had six (6) clinics and attended to the eyes of one hundred and three (103) children.

You have adopted three scales of Income of Parents whose children are needing Spectacles. Where the Income of the family is below the lowest Scale, the examination and Spectacles are provided gratuitously by the Education Authority. In the next higher Scale, Parents have to buy the Spectacles but the examination is provided by the Authority, whilst in the highest Scale the Spectacles and a reduced fee for examination are charged to the Parents. Where the Income is above this Scale the full fee for examination is paid by the Parents.

Previously to the children attending the Refraction Clinic a circular letter is given to the Parents requesting them to fill in the Income of the Family and to give their consent to the child being taken to the Clinic.

I give below the number of children who have been furnished with Spectacles during the year, specifying the Inspection at which the visual defect was found.



|                                |     | Spectacles<br>bought<br>by<br>Parents | Spectacles<br>provided by<br>Education<br>Authority | Totals |
|--------------------------------|-----|---------------------------------------|---|--------|
| Second Inspection, 1916        | ... | 7                                     | 18  | 25     |
| Leavers' Inspection, 1916      | ... | 8                                     | 5   | 13     |
| Second Inspection, 1917        | ... | 26                                    | 20  | 46     |
| Leavers' Inspection, 1917      | ... | 21                                    | 1   | 22     |
| Teacher's Recommendation, 1917 |     | 3                                     | 5   | 8      |
|                                |     | —                                     | —   | —      |
| Totals                         | ... | 65                                    | 49  | 114    |

Mr. Sykes prescribed for the majority of these cases, a few were taken to other Oculists by the Parents, and several were sent to Manchester Eye Hospital under your directions and at your cost prior to Mr. Sykes' appointment.

I still find, however, that I have on my Register the names of thirty-eight (38) children examined at the Leavers' Inspection in 1916 and found to be suffering from distinctly defective vision who have not been attended to by their parents, and similarly seven (7) examined at the Second Inspection in 1917 and forty-three (43) examined at the Leavers' Inspection in 1917.

I am afraid that most of the children examined at the Leavers' Inspection in 1916 have gone out of your jurisdiction, and I have not yet finished the re-examination of children examined at the Leavers' Inspection in 1917. The defaulters at the Second Inspection, 1917, will be again re-examined and a report will be sent to you if no action is taken by the parents.

There is unfortunately a strong objection against their children wearing glasses held by some parents, and this objection is also sometimes evinced by the children themselves. However a much larger proportion of the children than hitherto have been supplied with Spectacles or, otherwise, have had their defective vision attended to,

### TREATMENT CLINIC FOR MINOR AILMENTS.—

The question of the treatment of children suffering from Minor Ailments has been frequently under your consideration during the year. A Sub-Committee was appointed to select a suitable house for this purpose and you decided to secure a lease for five years of No. 2, St. Thomas's Square, with the option of purchase of that house and No. 4.

Plans of the premises and specifications of the necessary alterations have been submitted to the Board of Education, and that Board have given their approval.

There has been considerable delay in evacuating the tenants and, though contracts for the alterations and for the erection of a heating apparatus have been entered into, unfortunately owing to the necessary permits not having been received from the Munitions Board, the work has not yet been carried out.

I hope that in a few weeks time the work will be completed so that the treatment of Minor Ailments may be commenced.

The Dental Clinics, Inspection Clinics, and Refraction Clinics hitherto carried out at the Town Hall will be then transferred to the new premises.

It is proposed that one of your School Medical Officers should be present at the Treatment Clinic on three days in the week during the School Sessions, and the School Nurse should attend on the other days to continue the treatment directed by the School Medical Officers.

I confidently hope that the establishment of this Treatment Clinic will not only relieve a considerable amount of suffering but also will be of great service in causing a speedier return to School of ailing children and thus secure an increased grant from the Board of Education.

DENTAL CLINIC.—Mr. Bromiley has conducted the Dental Clinics very satisfactorily during the School Sessions throughout the year. In my last report I stated that it was advisable to have two Clinics or Dental Inspections every week instead of one, and you passed a resolution in agreement with this recommendation.

Unfortunately, Mr. Bromiley has not been able to comply with your wishes as, owing to the shortage of Dentists in the Town and his own workmen being on Military Service, he has not had any further time at his disposal. I have interviewed him on this matter several times, though I fully appreciate his difficulty.

Thirteen (13) Visits have been paid by him accompanied by the School Nurse to the Schools in order to examine the teeth of children between six and eight years of age, and thirty-one (31) Treatment Clinics have been held.

Even with the limited group of children whose teeth are being attended to, there is a constantly increasing number of children to be seen and, where necessary, treated, as each child, once inspected, has to be re-inspected and, if necessary, treated until he or she leaves school.

I am glad to say that when I have visited the Dental Clinics I have always found the children quite happy and apparently without any dread of the Dentist either before or after operation.

Below I give a resumé of the work done at the Clinic during 1917.



|   |      |
|---|------|
| Number of Children whose Teeth were inspected by Dentist at School.....                       | 1540 |
| Number of Notices sent to Parents whose children's Teeth at Inspection required treatment ..  | 496  |
| Number of Children who were treated by Dentist as result of Inspection ..                     | 310  |
| Number of Parents who refused treatment for their children.....                               | 139  |
| Number of Parents who promised to send their children to the Clinic and failed to do so ..... | 15   |
| Number of Parents who did not return the Notices.....   | 32   |
| Number of Children whose Teeth were treated at the recommendation of Teachers, etc.....       | 40   |

| Schools.           | Number<br>Examined. | Notices<br>sent out. | Children<br>atten'g Clinic | Parents<br>refusing<br>treatment. | Parents<br>promisi'g but<br>children not<br>attending. | Notices not<br>returned. | Children<br>sent by<br>Teachers, etc | Fillings<br>Amalgam. | Osteo<br>Fillings. | Temporary<br>Extraction. | Permanent<br>Extraction. | Local<br>Anesthetic. | Regulations. | Cleanings. |
|--------------------|---------------------|----------------------|----------------------------|-----------------------------------|--|--------------------------|--------------------------------------|----------------------|--------------------|--------------------------|--------------------------|----------------------|--------------|------------|
| Parish ...         | 136                 | 49                   | 39                         | 7                                 | 2  | 1                        | 18                                   | 47                   | 8                  | 28                       | 7                        | ..                   | 10           | 7          |
| St. George's       | 193                 | 71                   | 40                         | 27                                | 4  | ..                       | 3                                    | 27                   | 8                  | 36                       | 5                        | ..                   | 7            | 9          |
| St. Peter's        | 99                  | 27                   | 14                         | 13                                | ..   | ..                       | 3                                    | 13                   | 1                  | 1                        | 5                        | 1                    | 3            | 1          |
| St. James'         | 242                 | 79                   | 45                         | 24                                | 3  | 7                        | 7                                    | 34                   | 7                  | 13                       | 5                        | 4                    | 17           | 1          |
| All Saints'        | 68                  | 25                   | 13                         | 5                                 | 2  | 5                        | ..                                   | 9                    | 1                  | 7                        | ..                       | ..                   | 5            | 1          |
| St. Mark's         | 39                  | 12                   | 8                          | 4                                 | ..   | ..                       | ..                                   | 6                    | 1                  | ..                       | ..                       | ..                   | 1            | 1          |
| St. Mary's         | 159                 | 78                   | 56                         | 16                                | 1  | 5                        | 5                                    | 42                   | 7                  | 21                       | 5                        | ..                   | 24           | 4          |
| Sacred Heart       | 183                 | ..                   | ..                         | ..                                | ..   | ..                       | 2                                    | ..                   | ..                 | ..                       | 1                        | ..                   | 3            | ..         |
| Weldbank           | 88                  | 35                   | 19                         | 8                                 | ..   | 8                        | 2                                    | 19                   | 3                  | 7                        | 4                        | ..                   | 5            | 1          |
| St. Joseph's       | 24                  | 6                    | 5                          | 1                                 | ..   | ..                       | ..                                   | 1                    | 1                  | 4                        | 1                        | ..                   | 3            | ..         |
| Hollinshead Street | 142                 | 55                   | 35                         | 16                                | 2  | 2                        | ..                                   | 22                   | 7                  | 11                       | 4                        | 1                    | 6            | 2          |
| Council ...        | 167                 | 59                   | 36                         | 18                                | 1  | 1                        | ..                                   | 25                   | 7                  | 10                       | 9                        | 3                    | 21           | 5          |
| Totals             | 1540                | 496                  | 310                        | 139                               | 15   | 32                       | 40                                   | 245                  | 51                 | 138                      | 46                       | 9                    | 105          | 32         |



You may observe that in nearly two-fifths of the children, whose parents were notified that the teeth needed the Dentists' attention, no treatment was given, that more than one-fourth of the Parents definitely refused treatment, and that in the remainder of those children who ought to have been treated either no answer was returned to the notices or the parents promised to send their children to the clinic and failed to do so. There have been, however, slightly fewer refusals of treatment by the Dentist in 1917 than in the previous year.

Mr. Bromiley has sent me the following report :—

“ In presenting the report of the Dental Clinic for the  
 “ closing year (1917) a gratifying feature is a slight  
 “ decrease in the number of those refusing treatment.  
 “ I think I am right in saying that there is more  
 “ interest taken in the subject by the parents  
 “ themselves, and certainly the great majority of  
 “ the children are very willing little patients.

“ You will see there is an increase in the number of  
 “ extractions of the first permanent Molar. During  
 “ the previous year, I tried to extend the life of a  
 “ good number of these particular teeth which were  
 “ in an advanced state of decay, by temporary  
 “ filling, but many of them caused after trouble  
 “ and had to be removed. I have this year, there-  
 “ fore extracted at once those teeth which were at  
 “ that particular stage of decay.

“ Except for a larger number of cleanings, which, I  
 “ hope, will encourage the children in the use of  
 “ the tooth brush, the rest of the work is about the  
 “ average of last year.

T. W. BROMILEY.”

INSPECTION CLINICS.—I have held twenty-seven (27) Inspection Clinics during 1917, or an average of about two in every three weeks during the School Sessions. I regret that I have not been able, through lack of time, to hold an Inspection Clinic every week according to my wish and recommendation in my last School report and in compliance with your resolution.

When the Treatment Clinic is in full working order I purpose seeing several of the children, who require examination more detailed than is possible at the Routine Inspection, at that Clinic, and to secure their repeated presence until any disease or abnormality is ameliorated.

The Classes of Children examined at the Inspection Clinics were as follows :—

|  |  |  |  | Number<br>summoned | Number<br>present |
|--|--|--|--|--------------------|-------------------|
| Children examined at Second Inspection, 1916 |  |  |  | 48                 | 48                |
| "    Leavers'    "    1916                   |  |  |  | 77                 | 46                |
| "    Second    "    1917                     |  |  |  | 168                | 161               |
| "    Leavers'    "    1917                   |  |  |  | 190                | 171               |
| "    Entrants'    "    1917                  |  |  |  | 24                 | 10                |
| Children recommended by Teachers, 1917       |  |  |  | 32                 | 31                |
| Totals ...                                   |  |  |  | 539                | 467               |

You will see that there were a considerable number of children examined at the Leavers' Inspections of 1916 & 1917 and summoned to attend the Inspection Clinics who failed to do so. As regards the Infants who were required to come to the Inspection Clinics several were ill at the times fixed and will be sent for again.

Nearly eighty-seven per cent. of the children summoned attended the Inspection Clinics and rather more than half of them were accompanied by their parents, though the presence of all the parents was most desirable.

FOLLOWING UP.—The School Nurse has done very considerable work in visiting the homes of the children referred to her by the School Medical Officers to ascertain the results of the Notices sent to their Parents where disease or defect or Pediculosis had been found at the Routine Inspections. She has also visited a large proportion of the houses from which children affected by Infectious or other disease had been attending School.

During the year One thousand four hundred and nine (1409) visits have been paid to the homes of these children, a very considerable number considering the distance which she has to traverse and the large amount of other work which she has to do.

The employment of a Second Nurse will enable a great deal more visiting to be done, as the area to go over will be less when the town is divided into two districts.

The School Nurse regularly attends at my office and reports to me the results of her visits.

During the year she has paid one hundred and forty-six (146) visits to Schools, chiefly for the purpose of examining systematically the cleanliness and freedom from Pediculosis of the heads of the girls.

HEAD TEACHERS' REPORT OF INFECTIOUS AND OTHER DISEASES.—Though the incidence of Infectious Disease has not been as heavy in 1917 as it was in 1916 yet there were more cases reported to me than usual. Measles occurred frequently during the earlier months of the year and the Parish and St. James' Schools lost many attendances through this disease. Mumps similarly affected the Parish, St. George's, St. Mary's and Sacred Heart Schools during the first six months, whilst Whooping Cough was rife amongst children attending the Parish, St. James' and Hollinshead Street during the last Quarter.

I subjoin a Table of the Various Diseases reported to me by the Head Teachers from each School and compare the total number of each disease with similar totals in 1916 and 1915.

|                    | Measles. | Scar let<br>Fever. | Mumps. | Chicken<br>Pox. | Who'ping<br>Cough. | Ring-<br>worm. | Other<br>Diseases. | Totals. |
|--------------------|----------|--------------------|--------|-----------------|--------------------|----------------|--------------------|---------|
| Parish ...         | 40       | 2                  | 64     | ...             | 46                 | 3              | 8                  | 163     |
| St. George's       | 6        | 6                  | 81     | 13              | 6                  | 16             | 12                 | 140     |
| St. Peter's        | ...      | 4                  | 1      | ...             | 7                  | 2              | 1                  | 15      |
| St. James'         | 33       | 4                  | 6      | 30              | 44                 | 3              | 5                  | 125     |
| All Saints'        | 15       | 3                  | 1      | 1               | 1                  | 1              | 3                  | 25      |
| St. Mark's         | ...      | ...                | ...    | ...             | ...                | ...            | ...                | ...     |
| St. Mary's         | ...      | 1                  | 22     | 4               | 5                  | 3              | 10                 | 45      |
| Sacred Heart       | 9        | ...                | 54     | 9               | 3                  | 2              | 11                 | 88      |
| Weldbank           | 5        | 9                  | 12     | 8               | 1                  | 1              | 12                 | 48      |
| St. Joseph's       | 5        | ...                | 21     | 1               | ...                | ...            | ...                | 27      |
| Hollinshead Street | ...      | ...                | 2      | 3               | 41                 | 1              | ...                | 47      |
| Council            | 3        | 4                  | 15     | 1               | 2                  | ...            | 2                  | 27      |
| Totals 1917...     | 115      | 33                 | 279    | 70              | 156                | 32             | 64                 | 750     |
| Totals 1916...     | 462      | 60                 | 341    | 13              | 55                 | 45             | 63                 | 1042    |
| Totals 1915..      | 17       | 16                 | 23     | 71              | 204                | 35             | 35                 | 402     |

I have visited the Schools during an epidemic of Infectious Disease so as to judge of the necessity or otherwise of closing any School.



I think it is hard upon the Teachers that their Salaries should be reduced in proportion to the incidence of Infectious Disease entirely out of their control and have the more reason for thanking them for their notification of such diseases at the risk of pecuniary loss.

BLIND AND DEAF AND DUMB CHILDREN.—During the year you have arranged for the reception into Special Schools for two Blind and two Deaf and Dumb Children. The education that they will receive in these Institutions will be very valuable to them in their after life.

PROVISION OF MEALS.—There has been very little poverty in the Borough during the year, consequently few families came within the Income Scale established by you above which you do not provide free meals.

The meals, Breakfast and Dinner, have been provided throughout the year whether the Schools are in session or in the holiday.

The total number of Meals provided in 1917 was 7,576, the highest number of children fed at one time being 32 and the lowest 8.

The meals are served at a Centre and not at the School, owing to the small number to be provided for.

OPEN AIR SCHOOLS.—The Chief Medical Officer to the Board of Education in his Annual Report for 1916 gives very valuable and interesting information about Open Air Schools, Open Air Class-rooms and Elementary School Classes in Playgrounds and Public Parks. He draws attention to the remarkable improvement in the health and physique of the new Army who have been removed from ordinary town life to training in camps where they practically live in the open air. He states that “Fresh air, exercise, cleanliness, rest, regular meals, careful

supervision form a series of conditions as certain in their beneficial physical effect as they are conducive to the creation of a mental atmosphere favourable to the opening mind." He estimates that not less than ten per cent. of Elementary School Children are "dull or backward, debilitated and anæmic, malnourished, stunted and weakly children handicapped by a physical infirmity which renders them unable to derive reasonable benefit from their schooling, and for them the best possible treatment is an open air School. Elaborate and expensive buildings are not required. Temporary buildings such as the hutments used in military camps are sufficient, provided arrangements are made whereby the children are kept warm, dry and well fed."

An Open Air School would be invaluable for at least three classes of children, viz :—(a) ill nourished, weak anæmic, and stunted, (b) those who are predisposed to Tuberculosis or are in the very early stages of that disease, and (c) dull, backward or mentally defective children in the case of many of whom the mental deficiency is subsidiary to and caused by physical defect.

Fourteen Education Authorities at the end of 1916 had adopted these very useful institutions and fifteen (15) Schools were in full working order.

Dr. Crowley, Medical Inspector to the Education Authority, discussed this subject with you a few weeks ago, and pointed out to you that all three classes of children might attend different departments of the same Open Air School.

I recommend this matter to your serious consideration as I am of opinion that the establishment of such a school would be of inestimable service to many children in your Borough who are unable in an ordinary Elementary School to receive that Education which is necessary to make them intelligent citizens of the future. I am convinced that many children after a period of training in such a school could be relegated to the ordinary Elementary School

and would then be capable of competing with the majority of the other children who had not received these advantages.

In conclusion your School Medical Officers have to thank again the Head Teachers for their assistance prior to and at the Routine Inspections, and for their invariable courtesy, though we interrupt the regular programme of work.

I have the honour to be,

Ladies and Gentlemen,

Your Obedient Servant,

JAMES A. HARRIS.





**Table C.      Leavers' Inspection Statistics.**

[illegible]



Table D. Heights and Weights of Entrants.

| Name of School | Sex | Total Number Examined | 3 Years         |        |     |            | Number Examined | 4 Years         |        |    |            | Number Examined | 5 Years         |        |    |            | Number Examined | 6 Years         |        |     |            | Above 9 Years |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |     |    |    |   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|                |     |                       |                 | ft     | ins |            |                 |                 | st     | ft |            |                 |                 | ins    | st |            |                 |                 | ft     | ins |            |               | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins | st | ft | ins |





Table F. Heights and Weights of Leavers.

| Table I. Height and Weight       |       |                       |                 |        |     |            |                 |                 |          |    |            |      |
|----------------------------------|-------|-----------------------|-----------------|--------|-----|------------|-----------------|-----------------|----------|----|------------|------|
| Name of School,                  | Sex   | Total Number Examined | 12 Years        |        |     |            |                 | Number Examined | 13 Years |    |            |      |
|                                  |       |                       | Number Examined | Height |     | Weight lbs | Number Examined |                 | Height   |    | Weight lbs |      |
|                                  |       |                       |                 | ft     | ins |            |                 |                 | st       | ft |            | ins  |
| Parish ... ..                    | Boys  | 31                    | 30              | 4      | 6   | 6.5        | 6.7             | 1               | 4        | 10 | 5.6        | 7.0  |
| St. George's ... ..              | "     | 57                    | 48              | 4      | 5   | 4.5        | 1.3             | 9               | 4        | 6  | 8.5        | 7.6  |
| St. Peter's ... ..               | "     | 14                    | 11              | 4      | 7   | 0.5        | 5.1             | 3               | 4        | 11 | 0.6        | 2.8  |
| St. James' ... ..                | "     | 33                    | 32              | 4      | 5   | 6.5        | 2.1             | 1               | 4        | 9  | 2.5        | 13.7 |
| St. Mary's ... ..                | "     | 29                    | 25              | 4      | 5   | 2.5        | 0.9             | 4               | 4        | 5  | 9.5        | 6.0  |
| Sacred Heart ... ..              | "     | 38                    | 32              | 4      | 5   | 0.5        | 0.6             | 6               | 4        | 4  | 5.4        | 13.8 |
| Weldbank ... ..                  | "     | 17                    | 13              | 4      | 6   | 8.5        | 5.3             | 4               | 4        | 7  | 3.5        | 9.0  |
| Hollinshead Street ...           | "     | 24                    | 23              | 4      | 5   | 4.5        | 3.3             | 1               | 4        | 10 | 0.6        | 2.7  |
| Council ... ..                   | "     | 44                    | 35              | 4      | 5   | 8.5        | 0.4             | 9               | 4        | 6  | 6.5        | 5.6  |
| Averages and Totals              | "     | 287                   | 249             | 4      | 5   | 7.5        | 2.4             | 38              | 4        | 6  | 9.5        | 7.5  |
| Standard British Association ... | "     |                       |                 | 4      | 6   | 9.5        | 6.7             |                 | 4        | 8  | 9.5        | 12.6 |
| Parish ... ..                    | Girls | 26                    | 23              | 4      | 6   | 2.4        | 11.9            | 3               | 4        | 5  | 8.5        | 1.2  |
| St. George's ... ..              | "     | 74                    | 60              | 4      | 6   | 0.4        | 13.9            | 14              | 4        | 7  | 6.5        | 9.7  |
| St. Peter's ... ..               | "     | 39                    | 36              | 4      | 6   | 3.5        | 5.1             | 3               | 4        | 9  | 7.6        | 6.3  |
| St. James' ... ..                | "     | 48                    | 46              | 4      | 6   | 0.5        | 0.5             | 2               | 4        | 6  | 1.5        | 10.7 |
| St. Mary's ... ..                | "     | 25                    | 20              | 4      | 5   | 7.4        | 13.9            | 5               | 4        | 7  | 2.5        | 2.6  |
| Sacred Heart ... ..              | "     | 41                    | 35              | 4      | 5   | 7.4        | 13.5            | 6               | 4        | 6  | 9.5        | 7.6  |
| Weldbank ... ..                  | "     | 10                    | 8               | 4      | 5   | 0.4        | 12.0            | 2               | 4        | 9  | 6.6        | 2.5  |
| Hollinshead Street...            | "     | 23                    | 22              | 4      | 6   | 7.5        | 2.6             | 1               | 4        | 7  | 0.5        | 3.0  |
| Council ... ..                   | "     | 39                    | 30              | 4      | 6   | 3.5        | 5.3             | 9               | 4        | 8  | 3.5        | 10.5 |
| Averages and Totals              | "     | 325                   | 280             | 4      | 6   | 0.5        | 1.2             | 45              | 4        | 7  | 6.5        | 8.8  |
| Standard British Association ... | "     |                       |                 | 4      | 7   | 6.5        | 6.4             |                 | 4        | 9  | 7.6        | 3.2  |



Table D. Heights and Weights of Entrants.

| Name of School,                 | Sex   | Total Number<br>Examined | 3 Years            |        |      |        |      | Number<br>Examined | 4 Years |      |    |      |     | 5 Years |     |     |                    |        | 6 Years |        |     |      |     | Above<br>9<br>Years |    |     |                    |        |     |        |     |    |     |    |     |
|---------------------------------|-------|--------------------------|--------------------|--------|------|--------|------|--------------------|---------|------|----|------|-----|---------|-----|-----|--------------------|--------|---------|--------|-----|------|-----|---------------------|----|-----|--------------------|--------|-----|--------|-----|----|-----|----|-----|
|                                 |       |                          | Number<br>Examined | Height |      | Weight |      |                    | ft      | ins  | st | lbs  | ft  | ins     | st  | lbs | Number<br>Examined | Height |         | Weight |     | ft   | ins |                     | st | lbs | Number<br>Examined | Height |     | Weight |     | ft | ins | st | lbs |
|                                 |       |                          |                    | ft     | ins  | st     | lbs  |                    |         |      |    |      |     |         |     |     |                    | ft     | ins     | st     | lbs |      |     |                     |    |     |                    | ft     | ins | st     | lbs |    |     |    |     |
| Parish ... ..                   | Boys  | 26                       | 2                  | 2      | 11.2 | 2      | 4.2  | 11                 | 3       | 1.5  | 2  | 7.3  | 8   | 3       | 4.1 | 2   | 12.1               | 3      | 3       | 6.3    | 3   | 4.3  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. George's ... ..             | „     | 47                       | 1                  | 3      | 1.5  | 2      | 7.5  | 13                 | 3       | 1.9  | 2  | 8.4  | 25  | 3       | 3.8 | 2   | 9.3                | 7      | 3       | 6.3    | 2   | 13.4 |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| St. Peter's ... ..              | „     | 18                       |                    |        |      |        |      |                    |         |      |    |      | 15  | 3       | 5.5 | 2   | 13.7               |        |         |        |     |      |     |                     |    |     |                    |        |     |        |     | 3  |     |    |     |
| St. James' ... ..               | „     | 78                       |                    |        |      |        |      | 11                 | 3       | 1.6  | 2  | 10.9 | 56  | 3       | 4.5 | 2   | 11.9               | 7      | 3       | 6.7    | 3   | 3.0  |     |                     |    |     |                    |        |     |        |     | 4  |     |    |     |
| All Saints' ... ..              | „     | 15                       | 7                  | 2      | 11.2 | 2      | 5.1  | 5                  | 3       | 0.6  | 2  | 3.7  | 1   | 3       | 4.5 | 2   | 13.0               | 1      | 3       | 8.0    | 3   | 4.0  |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| St. Mark's ... ..               | „     | 7                        | 3                  | 3      | 0.2  | 2      | 5.3  | 2                  | 3       | 1.9  | 2  | 11.0 | 2   | 3       | 3.7 | 2   | 13.8               |        |         |        |     |      |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. Mary's ... ..               | „     | 33                       | 8                  | 3      | 0.3  | 2      | 6.1  | 10                 | 3       | 3.0  | 2  | 9.3  | 13  | 3       | 4.6 | 2   | 11.9               | 1      | 3       | 6.5    | 3   | 5.5  |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| Sacred Heart ... ..             | „     | 49                       | 2                  | 2      | 11.5 | 2      | 4.0  | 13                 | 3       | 2.5  | 2  | 10.0 | 30  | 3       | 4.0 | 2   | 12.3               | 2      | 3       | 4.2    | 3   | 2.5  |     |                     |    |     |                    |        |     |        |     | 2  |     |    |     |
| Weldbank ... ..                 | „     | 15                       | 1                  | 3      | 1.7  | 2      | 9.5  | 7                  | 3       | 3.0  | 2  | 9.5  | 6   | 3       | 3.8 | 2   | 13.2               | 1      | 3       | 3.0    | 2   | 12.5 |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Hollinshead Street..            | „     | 26                       | 3                  | 3      | 0.1  | 2      | 5.9  | 7                  | 3       | 3.5  | 2  | 9.9  | 15  | 3       | 5.0 | 2   | 11.7               |        |         |        |     |      |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| Council ... ..                  | „     | 36                       | 3                  | 2      | 11.7 | 2      | 5.3  | 14                 | 3       | 2.2  | 2  | 9.0  | 16  | 3       | 4.5 | 2   | 12.9               | 3      | 3       | 5.8    | 3   | 1.5  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. Joseph's ... ..             | „     | 16                       |                    |        |      |        |      | 9                  | 3       | 1.8  | 2  | 9.2  | 5   | 3       | 5.7 | 3   | 0.0                | 2      | 3       | 5.2    | 3   | 1.6  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Totals and Averages             | „     | 366                      | 32                 | 3      | 0.0  | 2      | 6.0  | 102                | 3       | 2.2  | 2  | 9.1  | 192 | 3       | 4.4 | 2   | 12.0               | 27     | 3       | 6.0    | 3   | 1.9  |     |                     |    |     |                    |        |     |        |     | 13 |     |    |     |
| Average British Association ... | „     |                          |                    | 3      | 0.8  | 2      | 6.0  |                    | 3       | 2.4  | 2  | 9.3  |     | 3       | 5.0 | 2   | 11.9               |        | 3       | 9.9    | 3   | 7.7  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Parish ... ..                   | Girls | 17                       | 1                  | 3      | 0.5  | 2      | 12.0 | 6                  | 3       | 1.1  | 2  | 8.8  | 9   | 3       | 3.7 | 2   | 10.3               | 1      | 3       | 7.5    | 3   | 4.0  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. George's ... ..             | „     | 62                       |                    |        |      |        |      | 22                 | 3       | 1.5  | 2  | 7.0  | 27  | 3       | 3.8 | 2   | 9.8                | 7      | 3       | 6.9    | 3   | 1.1  |     |                     |    |     |                    |        |     |        |     | 6  |     |    |     |
| St. Peter's ... ..              | „     | 20                       |                    |        |      |        |      |                    |         |      |    |      | 18  | 3       | 4.0 | 2   | 10.7               | 2      | 3       | 5.8    | 2   | 12.4 |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. James' ... ..               | „     | 67                       |                    |        |      |        |      | 15                 | 3       | 2.6  | 2  | 10.3 | 38  | 3       | 3.8 | 2   | 10.7               | 9      | 3       | 5.4    | 2   | 13.0 |     |                     |    |     |                    |        |     |        |     | 5  |     |    |     |
| All Saints' ... ..              | „     | 20                       | 5                  | 2      | 10.4 | 2      | 1.7  | 5                  | 3       | 2.2  | 2  | 9.3  | 9   | 3       | 3.7 | 2   | 9.1                | 1      | 3       | 5.5    | 3   | 2.7  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. Mark's ... ..               | „     | 12                       | 3                  | 2      | 11.3 | 2      | 1.6  | 4                  | 2       | 11.9 | 2  | 3.8  | 2   | 3       | 0.8 | 2   | 7.0                | 2      | 3       | 3.8    | 2   | 11.0 |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| St. Mary's ... ..               | „     | 21                       | 4                  | 2      | 11.5 | 2      | 3.1  | 8                  | 3       | 2.6  | 2  | 8.2  | 8   | 3       | 4.1 | 2   | 9.4                | 1      | 3       | 5.0    | 3   | 0.0  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Sacred Heart ... ..             | „     | 31                       |                    |        |      |        |      | 7                  | 3       | 1.5  | 2  | 7.7  | 19  | 3       | 3.6 | 2   | 10.8               | 4      | 3       | 5.6    | 2   | 13.8 |     |                     |    |     |                    |        |     |        |     | 1  |     |    |     |
| Weldbank ... ..                 | „     | 32                       | 3                  | 3      | 0.7  | 2      | 4.1  | 24                 | 3       | 1.6  | 2  | 6.6  | 5   | 3       | 4.7 | 2   | 11.2               |        |         |        |     |      |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Hollinshead Street...           | „     | 20                       | 3                  | 3      | 1.2  | 2      | 7.3  | 9                  | 3       | 3.0  | 2  | 8.3  | 7   | 3       | 5.9 | 2   | 11.9               | 1      | 3       | 7.7    | 2   | 9.5  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Council ... ..                  | „     | 24                       | 4                  | 2      | 10.2 | 2      | 3.4  | 5                  | 3       | 3.1  | 2  | 9.4  | 14  | 3       | 3.6 | 2   | 9.8                | 1      | 3       | 5.0    | 3   | 3.0  |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| St. Joseph's ... ..             | „     | 7                        |                    |        |      |        |      | 6                  | 3       | 2.6  | 2  | 10.7 | 1   | 3       | 1.0 | 2   | 9.2                |        |         |        |     |      |     |                     |    |     |                    |        |     |        |     |    |     |    |     |
| Totals and Averages             | „     | 333                      | 23                 | 2      | 11.6 | 2      | 4.3  | 111                | 3       | 1.7  | 2  | 8.0  | 157 | 3       | 3.8 | 2   | 10.6               | 29     | 3       | 5.8    | 3   | 0.0  |     |                     |    |     |                    |        |     |        |     | 13 |     |    |     |
| Average British Association ... | „     |                          |                    | 3      | 0.5  | 2      | 3.9  |                    | 3       | 2.1  | 2  | 7.5  |     | 3       | 4.5 | 2   | 11.2               |        | 3       | 6.8    | 2   | 13.7 |     |                     |    |     |                    |        |     |        |     | 26 |     |    |     |





Table E. Heights and Weights.

2nd Inspection.

|                                     | SEX.  | NO.<br>EXAM-<br>INED: | HEIGHT |      | WEIGHT |      |
|-------------------------------------|-------|-----------------------|--------|------|--------|------|
|                                     |       |                       | FT.    | IN.  | ST.    | LBS. |
| Parish ...                          | Boys  | 31                    | 3      | 10·7 | 3      | 10·7 |
| St. George's ...                    | „     | 53                    | 3      | 11·1 | 3      | 11·9 |
| St. Peter's ...                     | „     | 10                    | 4      | 0·3  | 3      | 12·6 |
| St. James's ...                     | „     | 41                    | 3      | 10·8 | 3      | 10·0 |
| All Saints' ...                     | „     | 10                    | 3      | 10·0 | 3      | 10·1 |
| St. Mark's ...                      | „     | 7                     | 3      | 9·7  | 3      | 8·5  |
| St. Mary's ...                      | „     | 23                    | 3      | 10·6 | 3      | 11·1 |
| Sacred Heart ...                    | „     | 35                    | 3      | 10·3 | 3      | 9·3  |
| Weldbank ...                        | „     | 23                    | 3      | 10·6 | 3      | 10·0 |
| Hollinshead Street                  | „     | 27                    | 3      | 11·3 | 3      | 11·8 |
| Council ...                         | „     | 28                    | 3      | 11·0 | 3      | 12·0 |
| Average Boys ...                    | „     | 288                   | 3      | 10·8 | 3      | 11·1 |
| British Association<br>Averages ... |       |                       | 3      | 11·0 | 3      | 12·9 |
| Parish ...                          | Girls | 20                    | 3      | 10·4 | 3      | 8·2  |
| St. George's ...                    | „     | 44                    | 3      | 10·2 | 3      | 9·6  |
| St. Peter's ...                     | „     | 18                    | 3      | 10·6 | 3      | 9·9  |
| St. James's ...                     | „     | 40                    | 3      | 9·7  | 3      | 9·1  |
| All Saints' ...                     | „     | 11                    | 3      | 8·6  | 3      | 6·6  |
| St. Mark's ...                      | „     | 6                     | 3      | 10·2 | 3      | 11·8 |
| St. Mary's ...                      | „     | 25                    | 3      | 9·9  | 3      | 8·0  |
| Sacred Heart ...                    | „     | 46                    | 3      | 10·7 | 3      | 10·8 |
| Weldbank ...                        | „     | 16                    | 3      | 10·8 | 3      | 8·4  |
| Hollinshead Street                  | „     | 13                    | 3      | 11·2 | 3      | 11·5 |
| Council ...                         | „     | 39                    | 3      | 10·5 | 3      | 10·1 |
| Average Girls ...                   | „     | 283                   | 3      | 10·3 | 3      | 9·5  |
| British Association<br>Averages ... |       |                       | 3      | 10·6 | 3      | 10·1 |



**Table F. Heights and Weights of Leavers.**

| Name of School,                  | Sex   | Total Number<br>Examined | Number<br>Examined | 12 Years |        |        |      | Number<br>Examined | 13 Years |        |        |      |
|----------------------------------|-------|--------------------------|--------------------|----------|--------|--------|------|--------------------|----------|--------|--------|------|
|                                  |       |                          |                    | Height   |        | Weight |      |                    | Height   |        | Weight |      |
|                                  |       |                          |                    | ft       | ins st | lbs    |      |                    | ft       | ins st | lbs    |      |
| Parish ...                       | Boys  | 31                       | 30                 | 4        | 6·6    | 5      | 6·7  | 1                  | 4        | 10·5   | 6      | 7·0  |
| St. George's ...                 | „     | 57                       | 48                 | 4        | 5·4    | 5      | 1·3  | 9                  | 4        | 6·8    | 5      | 7·6  |
| St. Peter's ...                  | „     | 14                       | 11                 | 4        | 7·0    | 5      | 5·1  | 3                  | 4        | 11·0   | 6      | 2·8  |
| St. James' ...                   | „     | 33                       | 32                 | 4        | 5·6    | 5      | 2·1  | 1                  | 4        | 9·2    | 5      | 13·7 |
| St. Mary's ...                   | „     | 29                       | 25                 | 4        | 5·2    | 5      | 0·9  | 4                  | 4        | 5·9    | 5      | 6·0  |
| Sacred Heart ...                 | „     | 38                       | 32                 | 4        | 5·0    | 5      | 0·6  | 6                  | 4        | 4·5    | 4      | 13·8 |
| Weldbank ...                     | „     | 17                       | 13                 | 4        | 6·8    | 5      | 5·3  | 4                  | 4        | 7·3    | 5      | 9·0  |
| Hollinshead Street ..            | „     | 24                       | 23                 | 4        | 5·4    | 5      | 3·3  | 1                  | 4        | 10·0   | 6      | 2·7  |
| Council ...                      | „     | 44                       | 35                 | 4        | 5·8    | 5      | 0·4  | 9                  | 4        | 6·6    | 5      | 5·6  |
| Averages and Totals              | „     | 287                      | 249                | 4        | 5·7    | 5      | 2·4  | 38                 | 4        | 6·9    | 5      | 7·5  |
| Standard British Association ... | „     |                          |                    | 4        | 6·9    | 5      | 6·7  |                    | 4        | 8·9    | 5      | 12·6 |
| Parish ...                       | Girls | 26                       | 23                 | 4        | 6·2    | 4      | 11·9 | 3                  | 4        | 5·8    | 5      | 1·2  |
| St. George's ...                 | „     | 74                       | 60                 | 4        | 6·0    | 4      | 13·9 | 14                 | 4        | 7·6    | 5      | 9·7  |
| St. Peter's ...                  | „     | 39                       | 36                 | 4        | 6·3    | 5      | 5·1  | 3                  | 4        | 9·7    | 6      | 6·3  |
| St. James' ...                   | „     | 48                       | 46                 | 4        | 6·0    | 5      | 0·5  | 2                  | 4        | 6·1    | 5      | 10·7 |
| St. Mary's ...                   | „     | 25                       | 20                 | 4        | 5·7    | 4      | 13·9 | 5                  | 4        | 7·2    | 5      | 2·6  |
| Sacred Heart ...                 | „     | 41                       | 35                 | 4        | 5·7    | 4      | 13·5 | 6                  | 4        | 6·9    | 5      | 7·6  |
| Weldbank ...                     | „     | 10                       | 8                  | 4        | 5·0    | 4      | 12·0 | 2                  | 4        | 9·6    | 6      | 2·5  |
| Hollinshead Street...            | „     | 23                       | 22                 | 4        | 6·7    | 5      | 2·6  | 1                  | 4        | 7·0    | 5      | 3·0  |
| Council ...                      | „     | 39                       | 30                 | 4        | 6·3    | 5      | 5·3  | 9                  | 4        | 8·3    | 5      | 10·5 |
| Averages and Totals              | „     | 325                      | 280                | 4        | 6·0    | 5      | 1·2  | 45                 | 4        | 7·6    | 5      | 8·8  |
| Standard British Association ... | „     |                          |                    | 4        | 7·6    | 5      | 6·4  |                    | 4        | 9·7    | 6      | 3·2  |

